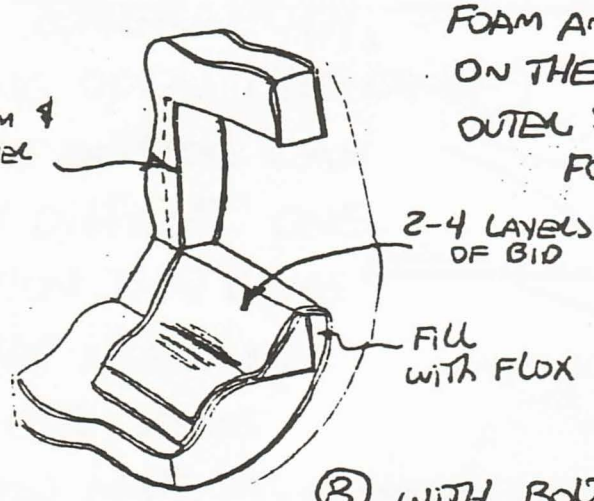
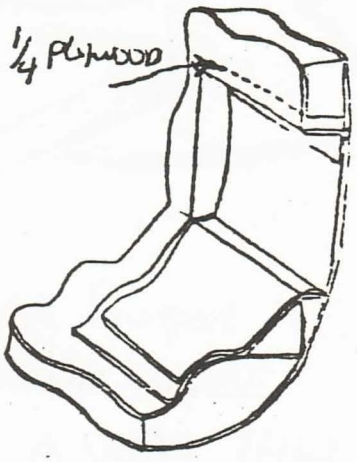
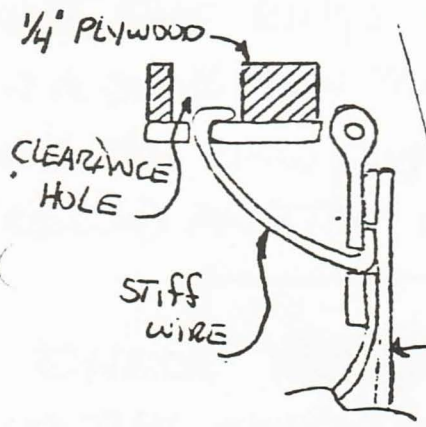
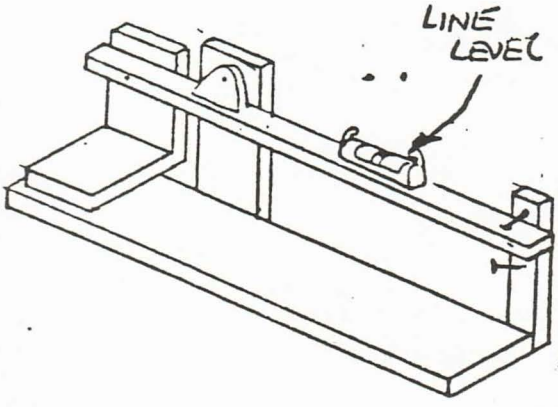
⑦ REMOVE FOAM WHERE NEEDED. ADD RED FOAM AND FLOX AND ONE OR TWO LAYERS OF BID ON THE SIDES. FILL THE SPACE BETWEEN THE OUTER SKIN AND LONGERON WITH FLOX. TWO TO FOUR LAYERS OF BID WERE LAYED UP AS SHOWN.





⑧ WITH BOLTS AND NUTPLATES ATTACH THE DOOR ASSEMBLY TO A 1/4" PIECE OF PLYWOOD. MAKE SURE THERE IS A CLEARANCE HOLE IN THE PLYWOOD FOR THE STIFF WIRE. BOND (FLOX) THE DOOR ASSEMBLY WITH THE PLYWOOD IN PLACE. TO PREVENT FLOX FROM GETTING IN THE CLEARANCE HOLE, HARDENING AND STOPPING THE DOOR FROM OPENING I PUT A PIECE OF FOAM ON THE PLY JUST ABOVE THE HOLE. AFTER EVERYTHING CURED I OPENED THE DOOR AND THE STIFF WIRE CUT ITS OWN CLEARANCE HOLE.





INSTEAD OF USING THE BALANCING METHOD IN THE PLANS I HAVE FOUND THE FOLLOWING TO BE MORE SENSITIV I PUT BOTH CUPS ON THE SCALE THEN LEVEL THE ARM BY MOVING THE SEARS LINE LEVEL BACK AND FORTH NAILS ABOVE AND BELOW THE ARM PREVENT THE SCALES FROM TIPPING AS THE EPOXY IS ADDED.